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# UNITED STATES

REPORTS TO THE SURGEON GENERAL, PUBLIC HEALTH AND MARINE-HOSPITAL SERVICE

## PLAGUE-PREVENTION WORK

### INFECTED GROUND SQUIRREL

During the week ended January 7 the finding of 1 plague-infected ground squirrel was reported. The squirrel was found December 29, 1910, in Alameda County, Cal., at S. Jones ranch, 5 miles northeast of Haywards.

### DISTRIBUTION OF POISON

In connection with the making of a squirrel-free zone around the cities in California on San Francisco Bay, 155 acres of land in Alameda County were covered with poison during the week ended January 7, 1911.

### Record of Plague Infection.

Place	Date of last case of human plague	Date of last case of rat plague	Date of last case of squirrel plague	Total number of rodents found infected since May, 1907
<b>California:</b>				
<b>Cities—</b>				
San Francisco.....	Jan. 30, 1908....	Oct. 23, 1908....	None.....	398 rats.
Oakland.....	Oct. 26, 1909....	Dec. 1, 1908....	.....do.....	126 rats.
Berkeley.....	Aug. 28, 1907....	None recorded..	.....do.....	None.
Los Angeles.....	Aug. 11, 1908....	None.....	Aug. 21, 1908....	1 squirrel.
<b>Counties—</b>				
Alameda (exclusive of the city of Oakland).	Sept. 26, 1909....	{ Wood rat, Oct. 17, 1909.	{ Dec. 29, 1910....	{ 88 squirrels. 1 wood rat.
Contra Costa.....	July 21, 1908....	None.....	Sept. 10, 1910....	247 squirrels.
Merced.....	None recorded..	.....do.....	June 6, 1910....	4 squirrels.
Monterey.....	.....do.....	.....do.....	.....do.....	20 squirrels.
San Benito.....	June 5, 1910....	.....do.....	July 11, 1910....	4 squirrels.
San Joaquin.....	None recorded..	.....do.....	Nov. 15, 1910....	9 squirrels.
San Luis Obispo.....	.....do.....	.....do.....	Jan. 29, 1910....	1 squirrel.
Santa Clara.....	Aug. 23, 1910....	.....do.....	Oct. 5, 1910....	23 squirrels.
Santa Cruz.....	None recorded..	.....do.....	May 17, 1910....	3 squirrels.
Stanislaus.....	.....do.....	.....do.....	May 21, 1910....	5 squirrels.
<b>Washington:</b>				
Seattle.....	Oct. 30, 1907....	Feb. 8, 1910....	None.....	22 rats.

## Rats Collected and Examined for Plague Infection

Place	Week ended—	Found dead	Total collected	Examined	Found infected
California:					
Cities—					
Berkeley.....	Jan. 7	.....	1 73	37	.....
Oakland.....	do.	49	2 548	391	.....
San Francisco.....	do.	31	3 1,475	1,047	.....
Counties—					
Merced.....	do.	.....	4 6	4	.....
Washington:					
Cities—					
Seattle.....	do.	.....	781	681	.....
Total.....		80	2,883	2,160	.....

<sup>1</sup> Identified, *Mus norvegicus* 39, *Mus musculus* 34.<sup>2</sup> Identified, *Mus norvegicus* 440, *Mus musculus* 108.<sup>3</sup> Identified, *Mus norvegicus* 822, *Mus rattus* 189, *Mus musculus* 348, *Mus alexandrinus* 116.<sup>4</sup> Identified, *Mus norvegicus* 6.

## Squirrels Collected and Examined for Plague Infection

Place	Week ended—	Trapped and shot	Found dead	Examined	Found infected
California:					
Cities—					
San Francisco.....	Jan. 7	1	.....	1	.....
Counties—					
Alameda.....	do.	219	1	220	1
Los Angeles.....	do.	76	.....	71	.....
Mariposa.....	do.	55	.....	55	.....
Merced.....	do.	221	.....	218	.....
Monterey.....	do.	535	.....	532	.....
San Joaquin.....	do.	200	2	202	.....
San Luis Obispo.....	do.	171	.....	171	.....
San Mateo.....	do.	33	.....	33	.....
Santa Clara.....	do.	80	.....	80	.....
Stanislaus.....	do.	122	.....	122	.....
Yolo.....	do.	10	.....	10	.....
Total.....		1,723	3	1,715	1

## Other Animals Collected and Examined

Place	Week ended—	Animals collected	Examined	Found infected
California:				
Counties—				
Kern.....	Jan. 7	4 kangaroo rats; 4 chipmunks.	8	.....
Los Angeles.....	do.	4 kangaroo rats; 4 chipmunks; 1 weasel.	9	.....
Mariposa.....	do.	4 rabbits	4	.....
San Joaquin.....	do.	2 kangaroo rats; 2 rabbits; 1 gopher.	5	.....
San Mateo.....	do.	8 rabbits	8	.....
Santa Clara.....	do.	5 rabbits	5	.....
Stanislaus.....	do.	4 rabbits	4	.....
Yolo.....	do.	1 kangaroo rat; 1 mole.	2	.....
Total.....			45	.....